

COOPERATIVE GROUND WATER INVESTIGATION

UNITED STATES GEOLOGICAL SURVEY

NEW YORK WATER POWER AND CONTROL COMMISSION

PLATE I

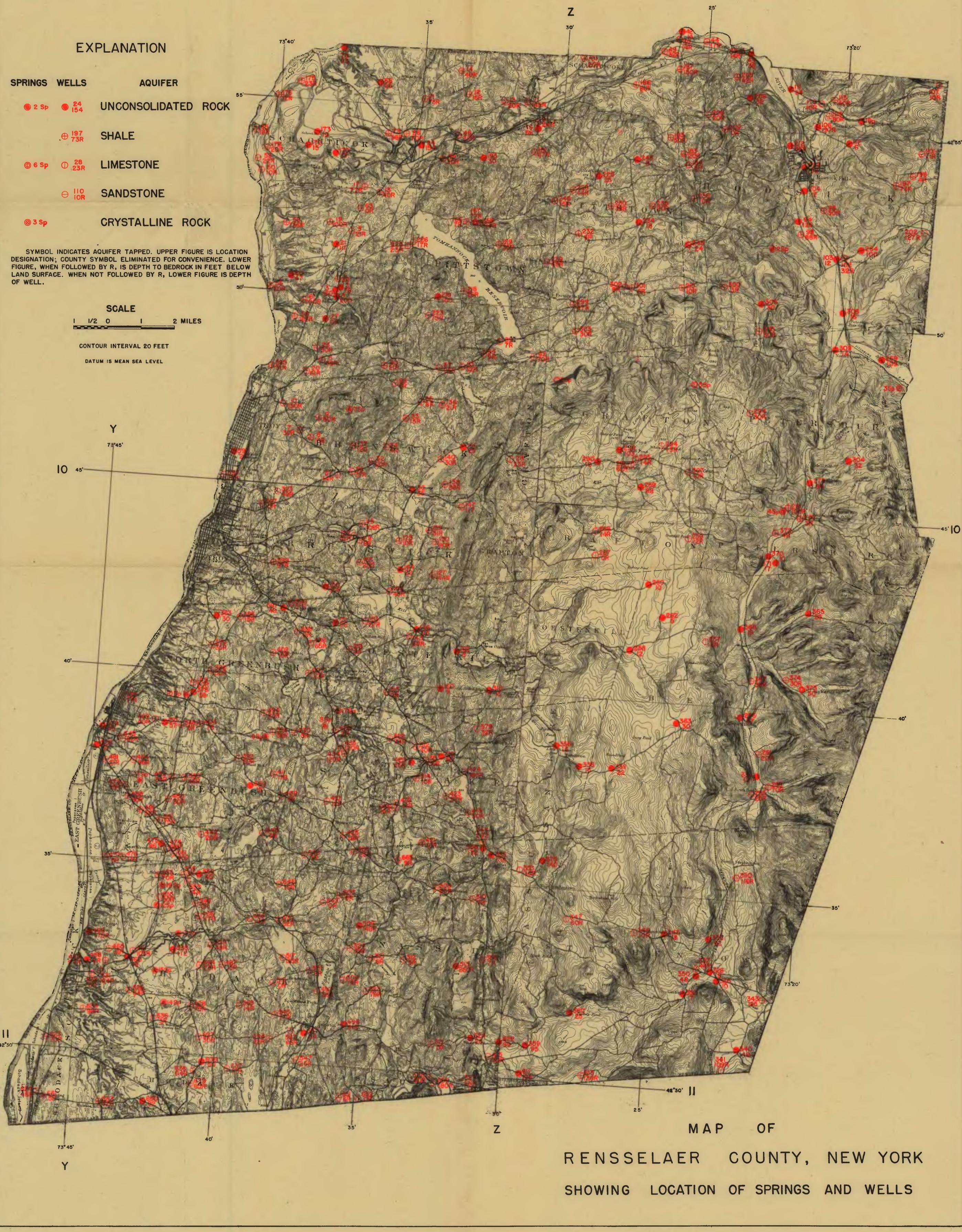
EXPLANATION

SPRINGS	WELLS	AQUIFER
● 2 Sp	● 154	UNCONSOLIDATED ROCK
● 197	● 73R	SHALE
● 6 Sp	● 28	LIMESTONE
● 110	● 10R	SANDSTONE
● 3 Sp		CRYSTALLINE ROCK

SYMBOL INDICATES AQUIFER TAPPED. UPPER FIGURE IS LOCATION DESIGNATION; COUNT SYMBOL ELIMINATED FOR CONVENIENCE. LOWER FIGURE, WHEN FOLLOWED BY R, IS DEPTH TO BEDROCK IN FEET BELOW LAND SURFACE. WHEN NOT FOLLOWED BY R, LOWER FIGURE IS DEPTH OF WELL.

SCALE
1 1/2 0 1 2 MILES

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL



GEOLOGIC MAP OF RENSSELAER COUNTY, NEW YORK

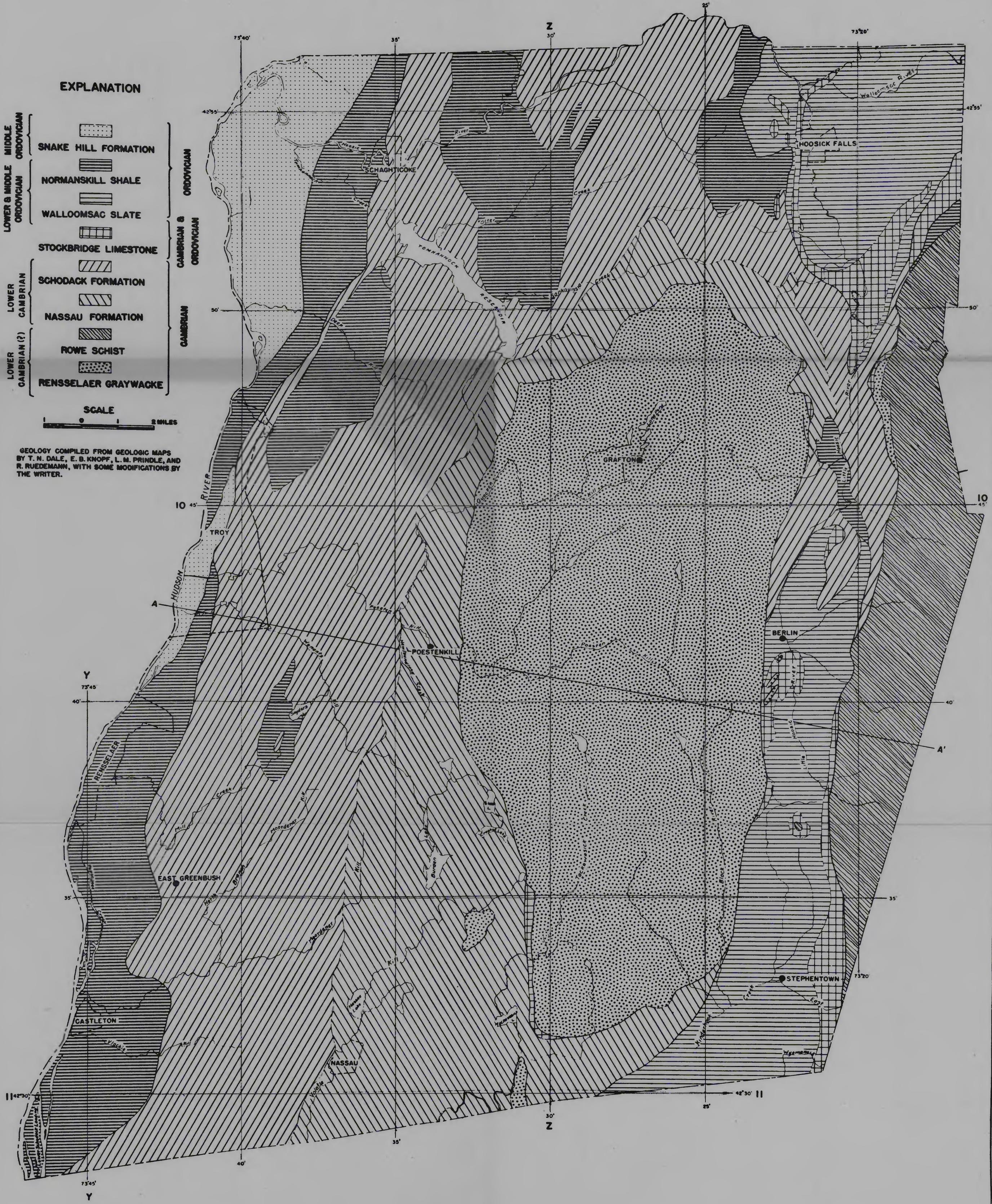
EXPLANATION

LOWER & MIDDLE ORDOVICIAN	ORDOVICIAN
SNAKE HILL FORMATION	—
NORMANSKILL SHALE	—
WALLOOMSAC SLATE	—
STOCKBRIDGE LIMESTONE	—
LOWER CAMBRIAN	CAMBRIAN & ORDOVICIAN
SCHODACK FORMATION	—
NASSAU FORMATION	—
ROWE SCHIST	—
RENSSELAER GRAYWACKE	—

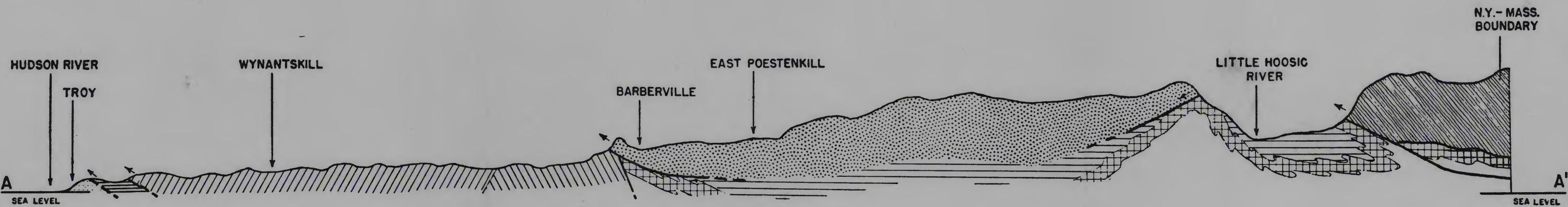
SCALE

1 2 MILES

GEOLGY COMPILED FROM GEOLGIC MAPS
BY T. N. DALE, E. B. KNOTT, L. M. PRINDLE, AND
R. RUDEMANN, WITH SOME MODIFICATIONS BY
THE WRITER.



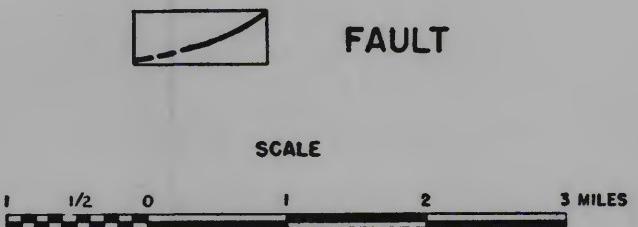
EAST-WEST GEOLOGIC SECTION ACROSS RENSSELAER COUNTY, NEW YORK



EXPLANATION

LOWER & MIDDLE ORDOVICIAN	SNAKE HILL FORMATION
	NORMANSKILL SHALE
	WALLOOMSAC SLATE
	STOCKBRIDGE LIMESTONE
	ORDOVICIAN

LOWER CAMBRIAN (?)	SCHODACK FORMATION
	NASSAU FORMATION
	ROWE SCHIST
	RENSSELAER GRAYWACKE
	CAMBRIAN



VERTICAL SCALE EXAGGERATED FOUR TIMES

FAULT